EIZO®

24.1" Home Entertainment Monitor

FORIS® FX2431

Full 1080 HD

Fearlessly fast …

…with looks that kill.

The full HD monitor that's got game.

Enhanced Screen Sizes

EIZO's new FX2431 features a "Portable mode" connection that lets you plug in your PSP™ (PlayStation® Portable) and play games on the monitor's generous 24-inch screen. It also comes with an AV connection that lets you display 480i/p format and other low resolution games at up to twice their original size without distortion. You can set the monitor to automatically re-size PC and video signals vertically and horizontally, or so that you can adjust game signals manually.

Fast Gameplay with Thru Mode

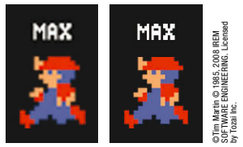
To keep up with fast-paced gaming, a Thru mode reduces the time it takes for a signal to appear on the screen to a mere 1/60th of a second. This is equivalent to just one frame of a progressive signal, or two frames of an interlace signal, which means you can instantly shoot enemies in SEGA's *Bayonetta*, or steer clear of sudden danger in driving games like *Sonic All Stars Racing.*

6 ms Midtone Response Time

A built-in overdrive circuit greatly improves midtone response time (the time it takes to change between gray levels) so that moving color images look smooth and unblurred.

Rediscover 8-bit Games with Real Image

Retro gaming has never been so fun thanks to EIZO's Real Image feature which reduces blur and displays 8-bit games with remarkable clarity.



Real Image Off *Real Image On*

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Vibrant, True-to-Life Color

The FX2431's wide gamut reproduces 96% of the Adobe RGB color space for true-to-life color when viewing digital photos taken in a camera's Adobe RGB mode.

Auto EcoView Optimized Brightness

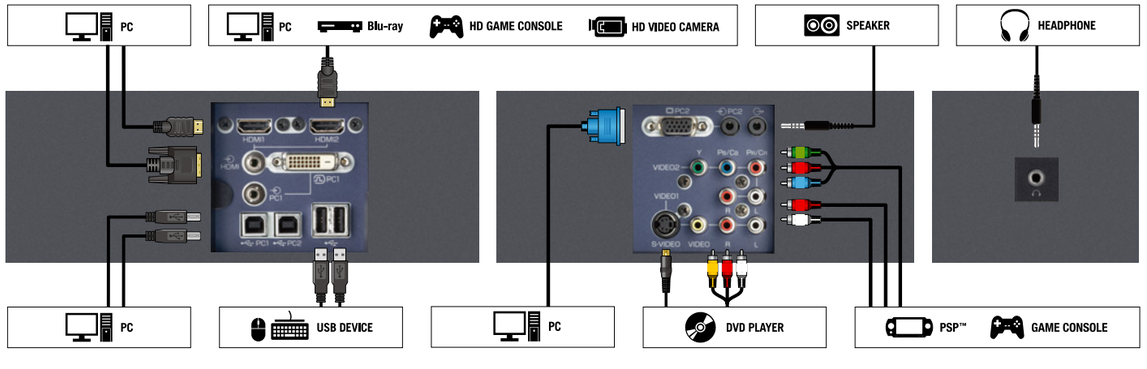
An Auto EcoView feature detects ambient lighting conditions and automatically adjusts the backlight to display your media with optimized brightness. Auto EcoView not only saves electricity, but also offers the ergonomic benefit of preventing eyestrain.

Remote Control, Direct Command

The FX2431 comes with an HDMI CEC (Consumer Electronics Council) compliant remote control for easy command of your HDMI-linked AV entertainment system. The remote offers full control of the monitor's OSD menu, plus one-touch access to Picture-in-Picture, screen size, color adjustment, and EcoView Index. Switch between your frequently used PC, video, and HDMI sources by pressing the remote's input selection buttons.

Energy Efficiency Gauge

To assist you in operating the monitor at optimum energy efficiency, a gauge called EcoView Index indicates energy consumption in correlation with the screen's brightness.



ASIC for Lifelike Images

The FX2431 incorporates an ASIC (application specific integrated circuit) originally developed by EIZO for use in LCD TVs. This ASIC creates pristine, lifelike picture quality by boosting contrast and reducing motion blur.

Flawless 1080/24p HD Playback

To enjoy video playback as smooth as you would see in a cinema or gaming arcade, the FX2431's dual HDMI inputs support a video signal display rate of 1080/24p frames-per-second (48Hz). This support eliminates motion artifacts known as judder in fast-paced gaming or movie scenes with panning or scrolling movements.

HIGH DEFINITION MULTIMEDIA INTERFACE

Accurate Tones, Dynamic Contrast

With the FX2431's accurate tonal reproduction, nothing ever looks dull or washed out; video signals from broadcast media and entertainment equipment are displayed exactly as intended. Add to that EIZO's ContrastEnhancer, which produces dynamic contrast of 2000:1, and you get exceptionally deep blacks in dark movie and game scenes. This lets you see fine details in shadows without sacrificing the picture quality of astounding HD visuals.

Cylinder Sound Solution

Built-in 2 watt stereo speakers let you get the most out of games, movies, and digital music by delivering clear, well-balanced sound. The elegant and sturdy cylindrical speaker cabinets provide an immersive sound experience.

Clear Image with I/P Conversion

The FX2431's I/P (Interlace/Progressive) conversion minimizes picture artifacts that normally occur with interlace video signals. By detecting the amount of change between interlaced film frames and applying the right amount of I/P conversion, the FX2431 ensures your video images are displayed with exceptional clarity.

Artifacts present

Artifacts minimized

Picture-in-Picture

Displaying content from a PC on the main screen while showing video input on a sub-screen, Picture-in-Picture lets you do two things at once — such as checking email while enjoying a Blu-ray video. Personalize the layout of your PinP by selecting and repositioning the sub-window using the monitor's remote control.

Zero Watts When Turned Off

When the power save mode and off timer are set, this monitor consumes less than 1.3 watts. When turned off via the main power switch, it consumes no electricity at all.

PC and Video Viewing Modes

Several PC and AV viewing modes are available for optimum viewing of text, digital photos, movies and games. Use your FX2431 remote control to navigate between viewing modes with just the touch of a button.

Share Peripherals between PCs with Auto USB

The FX2431's Auto USB selection feature and two upstream USB ports allow for simultaneous sharing of one keyboard and mouse between two connected computers. Auto USB selection reduces desktop clutter since you only need one mouse and keyboard to use your PCs, and it offers the added convenience of not having to reconnect your peripherals every time you switch computers.

Customer Assurance

A five-year warranty offers a long service life, and compliance with leading industry standards such as TCO'03 and TÜV Ergonomics ensures a better environment for work and play. The EIZO Eco Products 2006 label indicates this product meets strict internal requirements for design, manufacturing, packaging, usage and power consumption.

FORIS FX2431	PC Input	AV Input
Panel Size	24.1" / 61 cm (611 mm diagonal)	
Active Display Size (H × V)	518.4 × 324 mm	
Panel Type	VA (with overdrive circuit)	
Viewing Angles (H, V)	178°, 178° (at contrast ratio of 10:1)	
Brightness	360 cd/m^2	
Contrast	1000:1 (2000:1 dynamic contrast)	
Response Time (Typical)	Gray-to-gray: 6 ms, Black-white-black: 16 ms	
Native Resolution	1920 × 1200 (16:10 aspect ratio)	
Pixel Pitch	0.270 × 0.270 mm	
Wide Gamut Coverage	96% of Adobe RGB, 92% vs. NTSC	
Display Colors	16.77 million from a palette of 1.06 billion	
Cabinet Colors	Black, Silver	
Dot Clock	162 MHz	
Analog Scanning Frequency (H, V)	31.5 – 80 kHz, 55 – 76 Hz	–
Digital Scanning Frequency (H, V)	31.5 – 76 kHz, 59 – 61 Hz	–
Video Input Terminals	D-Sub mini 15 pin, DVI-D 24 pin (with HDCP), HDMI × 2	HDMI × 2, Component (50Hz: 576i / 576p / 1080i / 720p / 1080p), Composite (NTSC, PAL, PAL-60), S-Video (NTSC, PAL, PAL-60)
Audio Input Terminals	3.5 mm stereo jack × 3, HDMI × 2	HDMI × 2, RCA × 2, 3.5 mm stereo jack
Audio Output Terminals	3.5 mm stereo jack, 3.5 mm headphone jack	
Speakers	2 W + 2 W (stereo)	
USB Ports / Standard	2 upstream, 2 downstream / USB 2.0	–
Plug & Play	VESA DDC 2B	
Power Requirements	100 – 120 V / 200 – 240 V, 50 / 60 Hz	
Power Consumption	110 W (maximum)	
Power Save Mode	Less than 1.3 W	
Height Adjustment Range	24 mm	
Tilt / Swivel / Pivot	35° Up, 5° Down / 172° Right, 172° Left / –	
Dimensions (W × H × D)	With Stand: 566 × 444 – 480 × 230 mm, Without Stand: 566 × 416 × 92.3 mm	
Net Weight	With Stand: 10.5 kg, Without Stand: 8.1 kg	
Preset Modes	Text, Picture, Movie, Game, Custom, Auto Fine Contrast[1]	Standard, Cinema, Dynamic, Game, Custom
EcoView Settings	Auto EcoView, EcoView Index	
Screen Adjustment	Clock, Phase, Position, Resolution, Range (Auto), Signal Filter	–
Screen Size	Full Screen, Enlarge	4:3, 4:3 Zoom1, 4:3 Zoom2, 16:9, 16:9 Zoom
Screen Size with Gaming Sources	2 × Normal, Normal	Portable, Real, Aspect 4:3, Aspect 16:9, 2 × Real, 2 × Aspect 4:3, 2 × Aspect 16:9
Color Adjustment	Brightness, Contrast, Black Level, Temperature, Saturation, Hue, Reset, Enhancer, Gain, Gamma	Brightness, Contrast, Black Level, Temperature, Saturation, Hue, Reset, Enhancer, RGB balance, Gamma, Noise Filter, I/P Conversion
Power Management	Power Save (VESA DPMS and DVI DMPM), Off Timer	
Sound	Balance, Treble, Bass, Bass Boost, Stereo Expander, Reset	
Other Settings	Languages (English, French, German, Italian, Japanese, Simplified and Traditional Chinese, Spanish, Swedish), USB Selection, Power Indicator, Sub-Window Translucency, Picture-in-Picture, Thru Mode, Real Image, HDMI CEC, Auto Screen Size, Screen Ratio, Product Information (name, serial number, resolution, operating time, etc.), Reset	
Certifications and Standards	TCO'03 (black only), EPEAT Silver,TÜV/Ergonomics (including ISO 13406-2), TÜV/GS, TÜV/NRTL, c-Tick, CE, CB, UL (cTÜVus), CSA (cTÜVus), FCC-B, Canadian ICES-003-B, TÜV/S, VCCI-B, EPA Energy Star, RoHS, WEEE, EIZO Eco Products 2006	
Supplied Accessories	AC power cord, signal cables (DVI-D – DVI-D, D-Sub – D-Sub mini 15 pin), USB cable, EIZO LCD Utility Disk (PDF user's manual, ScreenManager Pro for LCD[2], Screen Slicer Software), setup guide, 4 screws for mount option, remote control with battery, warranty card	
Warranty	Five Years[3]	

[1] Bundled ScreenManager Pro for LCD is necessary to activate Auto Fine Contrast. Support for those functions varies with the graphics board used. [2] ScreenManager Pro for LCD is compatible with the Microsoft Windows Vista/XP/2000 operating systems only. [3] The usage time is limited to 30,000 hours or less, and the warranty period of the LCD panel is limited to three years from the date of purchase.
With current LCD technology, a panel may contain a limited number of missing or flickering pixels.

This monitor was developed, manufactured, and quality control tested by EIZO in Japan.

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EIZO

www.eizo.com

EIZO NANAO CORPORATION 153 Shimokashiwano, Hakusan, Ishikawa 924-8566 Japan Phone +81-76-277-6792 Fax: +81-76-277-6793